

# Abstract

A beacon slot position control section (205) of a radio communication apparatus constituting a radio network system which detects whether empty beacon slots are present in a beacon  
5 period. When an empty beacon slot is present before the period in which the radio communication apparatus transmits a beacon, a movable counter (206) starts counting a specified number of super frames. When the count is completed, the radio communication apparatus transmits a beacon of the radio  
10 communication apparatus at the earlier empty beacon slot. Consequently, since the empty beacon slots are eliminated and the beacon period is compacted, even if the number of radio communication apparatuses joining the radio network system fluctuates dynamically, the radio communication apparatus can  
15 perform radio communication with high efficiency and less waste of consumed electricity.